

500.33021CX5

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): T. NINOMIYA, et al

Serial No.: 09/933,805

Filed: August 22, 2001

For: STORAGE SYSTEM HAVING DATA FORMAT CONVERSION
FUNCTION (Amended)

Group: 2186

Examiner: H. Patel

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

MS Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 21, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.


This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C. Deposit Account No. 50-1417 (500.33021CX5) please credit any excess fees to such deposit account.

Respectfully submitted,

 32,846

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FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office	ATTY. DOCKET NO. 500.33021CX5	SERIAL NO. 09/933,805
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT NINOMIYA, et al	
	FILING DATE August 22, 2001	GROUP 2186

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	4	9	4	1	5	6	1/85	Kadison et al			
		4	5	0	9	1	1	3	4/85	Heath			
		4	6	0	4	6	8	6	8/86	Reiter			
		4	6	8	8	1	7	0	8/97	Waite et al			
		5	1	5	5	8	4	5	10/92	Beal et al			
		5	2	3	5	6	8	9	8/93	Baker et al			
		5	2	4	5	7	0	3	9/93	Hubert			
		5	3	6	7	6	9	5	11/94	Narad et al			
		5	3	7	9	3	8	2	1/95	Work et al			
		5	4	3	8	6	7	4	8/95	Keele et al			
		5	5	9	0	3	1	1	12/96	Matsushima			

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])